

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

12/09/2011

Elizabeth Keeley  
Assistant District Attorney, Middlesex County

Dear ADA Keeley,

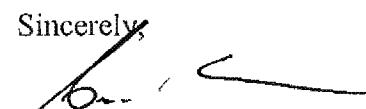
Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Daniela Frasca, Annie Dookhan, Daniel Renczkowski and Della Saunders.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan, Daniela Frasca and Daniel Renczkowski were the custodial chemist and performed the preliminary testing and net weight for these samples. Della Saunders was analyzed the GC/MS data for these samples.

If you have any questions about these materials, please call me at the number below.

Sincerely,

  
Annie Dookhan  
Chemist  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6622

## Curriculum Vitae

Daniela Frasca

## Education

**Boston University School of Medicine, Boston MA**  
*Currently enrolled in the Biomedical Forensic Science MS Program*

Suffolk University, Boston, MA

*Graduated in 05/1996 and received a Bachelor of Science in Biochemistry*

## EXPERIENCE

**Massachusetts State Laboratory Institute/DPH, Jamaica Plain, MA** 01/2001 – present

## Drug Laboratory: Chemist II

- Analysis of all substances by chemical screening, microscopy, and instrument confirmation to determine the presence of drugs for law enforcement agencies in the Commonwealth of Massachusetts.
- Appointed assistant analyst on January 29, 2001 by the Assistant Commissioner of DPH
- Completed four weeks of training in drug analysis under the supervision of senior chemists.

Quest Diagnostics Incorporated, Cambridge, MA

09/1996 – 10/2001

### Department of Toxicology: Medical Technologist I

- Handles comprehensive toxic analysis, therapeutic drug monitoring, forensic drug screening, and compound ID's of biohazard samples utilizing standard operating procedures in clinical toxicology.
- Entered data and interpreted results for reporting
- QC/QA of multiple analytical instrumentation as well as maintenance
- Completed 60 days of training under the supervision of doctorate level toxicologists.

## Additional Training

Northeastern Association of Forensic Scientists

Agilent Instruments and Software      Digital Photography

## McCrone Research Institute

## Forensic Polarized Microscopy

## Polarized Microscopy of Illicit Drugs and Excipients

## Massachusetts State Laboratory Institute

## Expert Witness

## Raman Spectroscopy

## Associations and Programs

- Northeastern Association of Forensic Scientists (NEAFS) 2001 - present
- The International Association of Forensic Toxicologists (TIAFT) 2003 - present
- The International Association of Therapeutic Drug Monitoring And Clinical Toxicology (IATDMCT) 2003 - present
- Massachusetts State Science Fair Judge 2000 - present
- Middle School State Science Fair Judge 2006 - present
- Volunteer Science Project Mentor/Tutor for the TTT Mentor Program 2003 - present

## Curriculum Vitae

### Annie Khan (Dookhan)

#### **Education:**

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

#### **Experience:**

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

\*Maintenance and repairs of all analytical instruments.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court.

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Notary Public.

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department for the Food and Drug Administration.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

#### **Additional Training:**

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

#### **Association:**

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

## Curriculum Vitae

Daniel Renczkowski

## Education

Degree: Bachelors of Science in Forensic Chemistry,  
May 2005 from Buffalo State College  
GPA: 3.84, Dean's List, Honor's Recognition  
American Chemical Society Undergraduate Award  
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry Organic Chemistry I and II Biochemistry Chemistry of Criminalistics Anatomy	Physical Chemistry Instrumental Chemistry Forensics Laboratory Physical Evidence Physiology
---------------------	--	---

## Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

## Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

### Related Experience

Niagara County Forensics Laboratory

## Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

## Curriculum Vitae

Della Saunders

### Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

### Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

### Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

*The Commonwealth of Massachusetts*

Department of Public Health  
Center for Disease Control  
State Laboratory Institute

BOSTON HOURS  
8:00 - 11:00  
2:00 - 4:00

BOSTON DRUG LABORATORY  
TELEPHONE (617) 983-6622

AMHERST HOURS  
9:00 - 12:00  
1:00 - 4:00

AMHERST DRUG LABORATORY  
TELEPHONE (413) 545-2601

**DRUG RECEIPT**

1. City or Department Watertown 2. Destruction No. \_\_\_\_\_

3. Name & Rank of Det Arthur Coffey 4. I.D. No. 990  
submitting Officer

5. Defendant(s) Name (Last Name, First Name, Initial)	Address	City, State, Zip Code
		<u>Lawrence, MA</u>

6. List of Evidence, Description of Sample	Alleged Identity	Gross Quantity of Number	Lab. Number
9 clear plastic knotted bags contents white rock like substance ( open to field test )	<u>Cocaine</u>	<u>7.71g</u>	

Received By: JAP  
STATE LABORATORY INSTITUTE

Date 1-13-06



*The Commonwealth of Massachusetts*

Department of Public Health  
Center for Disease Control  
State Laboratory Institute

BOSTON HOURS  
8:00 - 11:00  
2:00 - 4:00

BOSTON DRUG LABORATORY  
TELEPHONE (617) 983-6622

AMHERST HOURS  
9:00 - 12:00  
1:00 - 4:00

AMHERST DRUG LABORATORY  
TELEPHONE (413) 545-2601

**DRUG RECEIPT**

1. City or Department Watertown 2. Destruction No. \_\_\_\_\_

3. Name & Rank of Det Arthur Coffey 4. I.D. No. 490  
submitting Officer

5. Defendant(s) Name (Last Name, First Name, Initial)	Address	City, State, Zip Code
		<u>Lawrence, MA</u>

6. List of Evidence, Description of Sample	Alleged Identity	Gross Quantity of Number	Lab. Number
6 clear knotted baggies w/white rock like substance (1 open for field test)	cocaine	5.78g	

Received By: BP  
STATE LABORATORY INSTITUTE

Date

1-13-06



*The Commonwealth of Massachusetts*

Department of Public Health  
Center for Disease Control  
State Laboratory Institute

BOSTON HOURS  
8:00 - 11:00  
2:00 - 4:00

AMHERST HOURS  
9:00 - 12:00  
1:00 - 4:00

BOSTON DRUG LABORATORY  
TELEPHONE (617) 983-6622

AMHERST DRUG LABORATORY  
TELEPHONE (413) 545-2601

**DRUG RECEIPT**

1. City or Department Watertown 2. Destruction No. \_\_\_\_\_

3. Name & Rank of Det Arthur Coffey 4. I.D. No. 490  
submitting Officer

5. Defendant(s) Name (Last Name, First Name, Initial)	Address	City, State, Zip Code
		<u>Lawrence, MA</u>

6. List of Evidence, Description of Sample	Alleged Identity	Gross Quantity of Number	Lab. Number
Two (2) corner baggies open for field test contents white rock like substance	Cocaine	3.68g	

Received By: BNJ  
STATE LABORATORY INSTITUTE

Date

1-27-06



The Commonwealth of Massachusetts

Department of Public Health  
Center for Disease Control  
State Laboratory Institute

BOSTON HOURS  
8:00 - 11:00  
2:00 - 4:00

AMHERST HOURS  
9:00 - 12:00  
1:00 - 4:00

BOSTON DRUG LABORATORY  
TELEPHONE (617) 983-6622

AMHERST DRUG LABORATORY  
TELEPHONE (413) 545-2601

**DRUG RECEIPT**

1. City or Department Watertown 2. Destruction No. \_\_\_\_\_

3. Name & Rank of Det. Arthur Coffey 4. I.D. No. 490  
submitting Officer

5. Defendant(s) Name (Last Name, First Name, Initial) Address City, State, Zip Code

[REDACTED] Wilmington De

6. List of Evidence, Description of Sample	Alleged Identity	Gross Quantity of Number	Lab. Number
15 knotted clear baggie corners contents white Rock like subs including 1 opened for field test. Resealed	Cocaine	10.468L	<span style="background-color: black; color: black;">[REDACTED]</span>

Received By:   
STATE LABORATORY INSTITUTE

Date 2-24-86



Prelim: Cocaine

No. [REDACTED] Date Analyzed: FEB 16 2006

City: WATERTOWN

Def: [REDACTED]

Am't: Sub: SUB Cont: 9 PB

#TESTED: 1

Date Rec: 01/13/2006 From: DET. ARTHUR COFFEY

Gross Wt: 7.71

# Tests: 6 AS

Net Weight: 0.44

12/07

FINDINGS: COCAINE

QUANT:

Prelim: Cocaine

No. [REDACTED] Date Analyzed: FEB 16 2006

City: WATERTOWN

Def: [REDACTED]

Am't: Sub: SUB Cont: 6 PB

#TESTED: 1

Date Rec: 01/13/2006 From: DET. ARTHUR COFFEY

Gross Wt: 5.78

# Tests: 6 AS

Net Weight: 0.44

12/07

FINDINGS: COCAINE

QUANT:

Prelim:

*Cocaine*

No. [REDACTED]

Date Analyzed: MAR 13 2006

City: WATERTOWN

Def: [REDACTED]

Am't: Sub: SUB Cont: 2 PB

#TESTED: 1

Date Rec: 01/27/2006 From: DET. ARTHUR COFFEY

Gross Wt: 3.68

# Tests: 7

1 analyzed  
Net Weight: 0.43

FINDINGS:

*COCAINE*

*1/2 PGS*

QUANT:

Prelim: Cocaine

No. [REDACTED] Date Analyzed: MAR 30 2006

City: WATERTOWN

Def: [REDACTED]

Am't. Sub: SUB Cont: 15 FB  
#TESTED: 4

Date Rec: 02/24/2006 From: DET. ARTHUR COFFEY

Gross Wt: 10.46 ✓ # Tests: 280SR

Net Weight: 6.70g

FINDINGS: COCAINE

+8 PES

QUANT:

# DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY Watertown ANALYST ASD

No. of samples tested: 1 Evidence Wt. \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt (9): 41.7301

White powdered substance  
in 9 pbs Gross Wt (1): 0.5249

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.4487

*benzylid*

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate (+) +

Marquis -

Froehde's -

Mecke's -

### Microcrystalline Tests

Gold  
Chloride (+) +

TLTA (+)

### OTHER TESTS

\_\_\_\_\_

## PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 2-13-66

## GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS  
OPERATOR DCS

DATE 02-16-66

# DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY Watertown ANALYST ASD

No. of samples tested: \_\_\_\_\_ Evidence Wt: \_\_\_\_\_

PHYSICAL DESCRIPTION: Gross Wt (6): 3.1215

white powdered substance  
in 6 pieces

Gross Wt (1): 0.5196

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.4413

analyzed

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate (+) +

Marquis -

Froehde's -

Mecke's -

### Microcrystalline Tests

Gold  
Chloride +

TLTA (+)

### OTHER TESTS

\_\_\_\_\_

## PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 2-13-06

## GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS  
OPERATOR DCS

DATE 02-16-06

Revised 7/2005

Folk\_OIG\_PRR\_041012

**DRUG POWDER ANALYSIS FORM**

SAMPLE #

AGENCY WatertownANALYST MBPHYSICAL DESCRIPTION:Br. w/OK

Powder in 2PB (1 PB not completely  
heat sealed some spill in evidence  
bag)

Mary -

gross wt. 1.0429

Proed -

gross wt.

Meck -

1 analyzed: 0.5241g

Cobalt t, blue

Net wt.

Gold t

1 analyzed: 0.4377

TLTHH

PRELIMINARY TEST RESULTSCOCAINE  
HEROIN

NEGATIVE

OTHER \_\_\_\_\_

DATE

3/19/06

FINAL TEST RESULTSCOCAINE  
HEROIN

NEGATIVE

OTHER \_\_\_\_\_

DATE:

3/13/06  
RMM: DGS

# DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXX AGENCY Watertown ANALYST DJR  
No. of samples tested: 4 Evidence Wt. OK

PHYSICAL DESCRIPTION: Gross Wt: 8.4592g  
Pkg. Wt: \_\_\_\_\_

White powdery substance  
in 15 clear PB's labeled  
"JS" in black marker. The first PB was  
heat sealed while all other PB's were tied  
in knots.

## PRELIMINARY TESTS

### Spot Tests

Cobalt Thiocyanate ( ) +  
 Marquis —  
 Froehde's —  
 Mecke's —

### Microcrystalline Tests

Gold Chloride — +  
 TLTA ( ) +

### OTHER TESTS

\_\_\_\_\_

## PRELIMINARY TEST RESULTS

RESULTS Cocaine  
DATE 3-23-06

## GC/MS CONFIRMATORY TEST

RESULTS Cocaine  
MS OPERATOR DCS  
DATE 3-30-06

Sample #: [REDACTED]

# samples tested: 4

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	0.5478	0.1147	0.4331	26			
2	0.6269	0.1151	0.5118	27			
3	0.5475	0.1272	0.4203	28			
4	0.5432	0.1214	0.4218	29			
5				30			
6		Sum =	1.7870	31			
7		÷ 4 =	0.4467	32			
8		x 15 =	6.7005	33			
9				34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

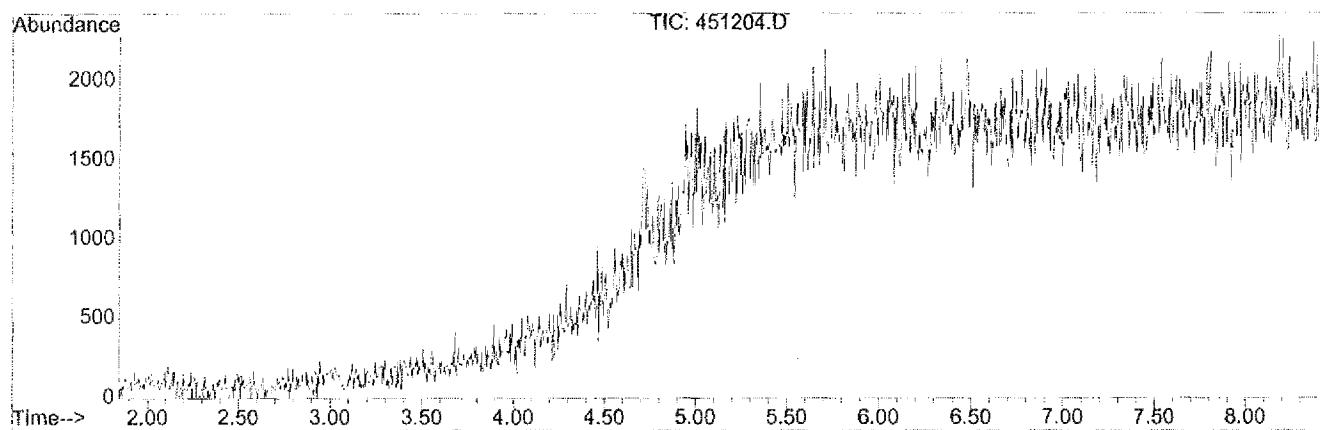
Area Percent / Library Search Report

---

Information from Data File:

File Name : E:\SYSTEM4\02\_15\_06\451204.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 13:32  
Sample Name : BLANK  
Submitted by :  
Vial Number : 4  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

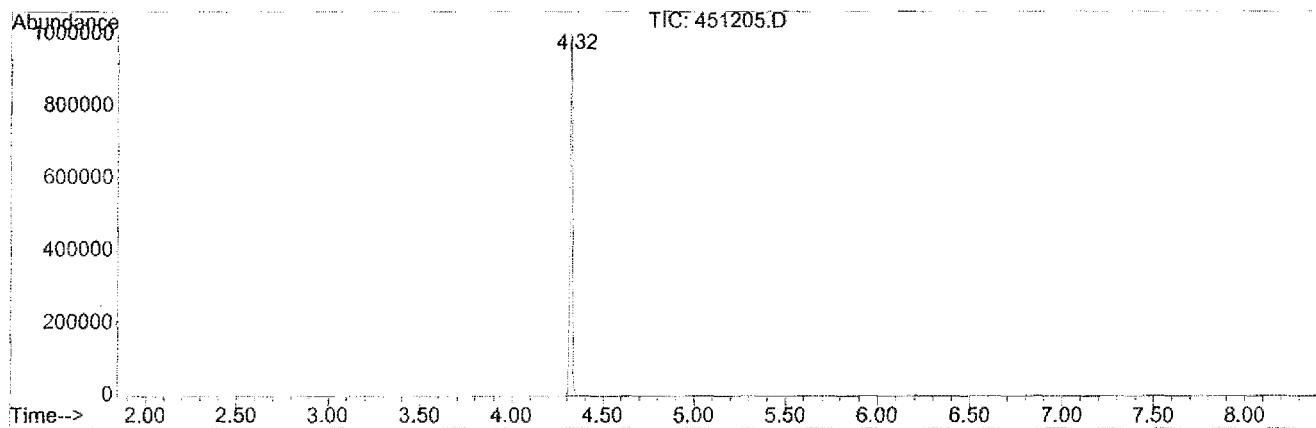
# Area Percent / Library Search Report

---

Information from Data File:

File Name : E:\SYSTEM4\02\_15\_06\451205.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 13:44  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 5  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
4.321	962240	100.00	100.00

---

# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : E:\SYSTEM4\02\_15\_06\451205.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 13:44  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 5  
AcquisitionMeth: DRUGS  
Integrator : RTE

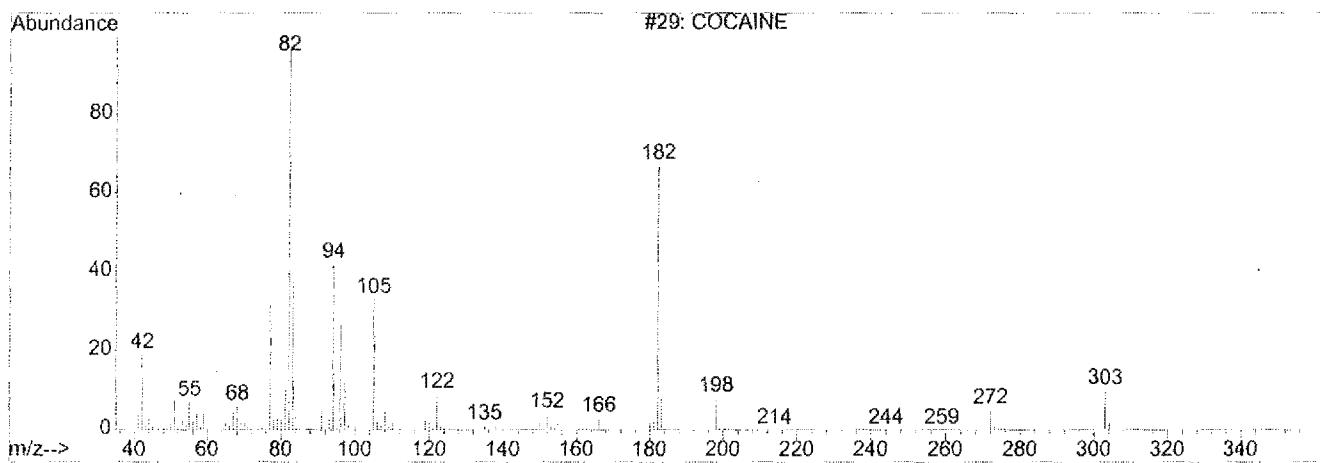
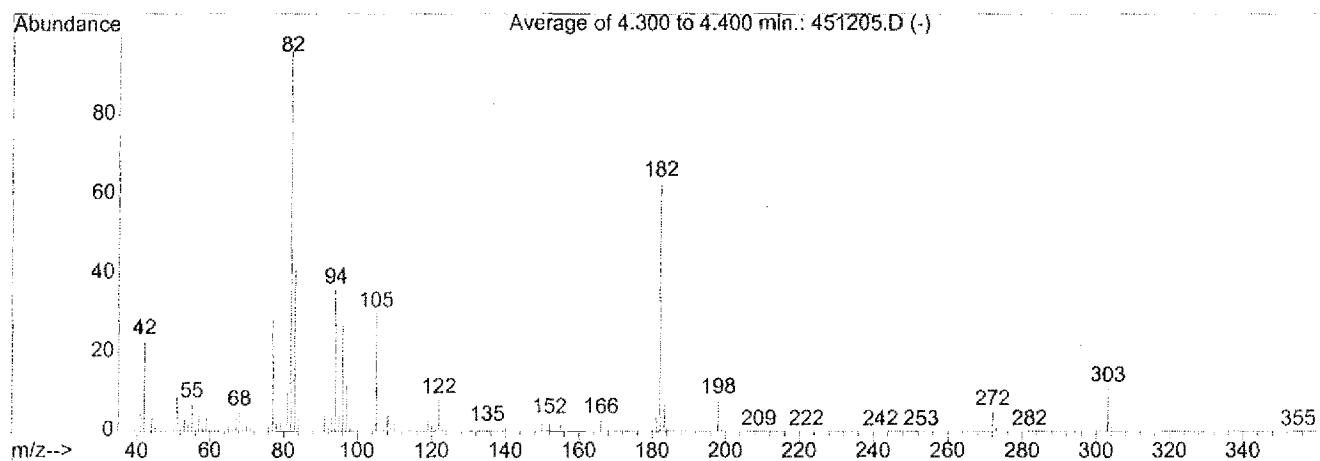
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	4.32	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



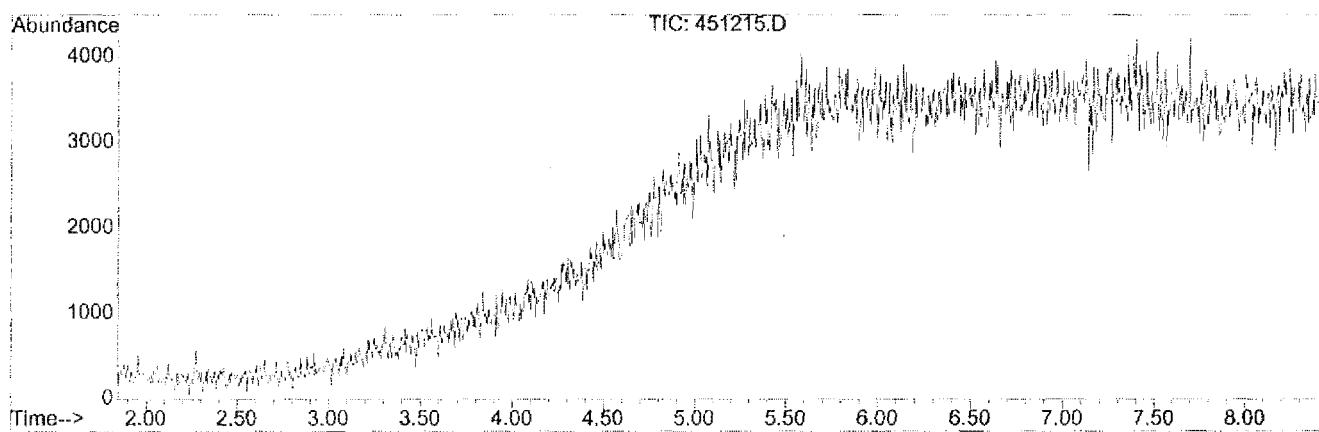
Area Percent / Library Search Report

---

Information from Data File:

File Name : E:\SYSTEM4\02\_15\_06\451215.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 15:46  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 15  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

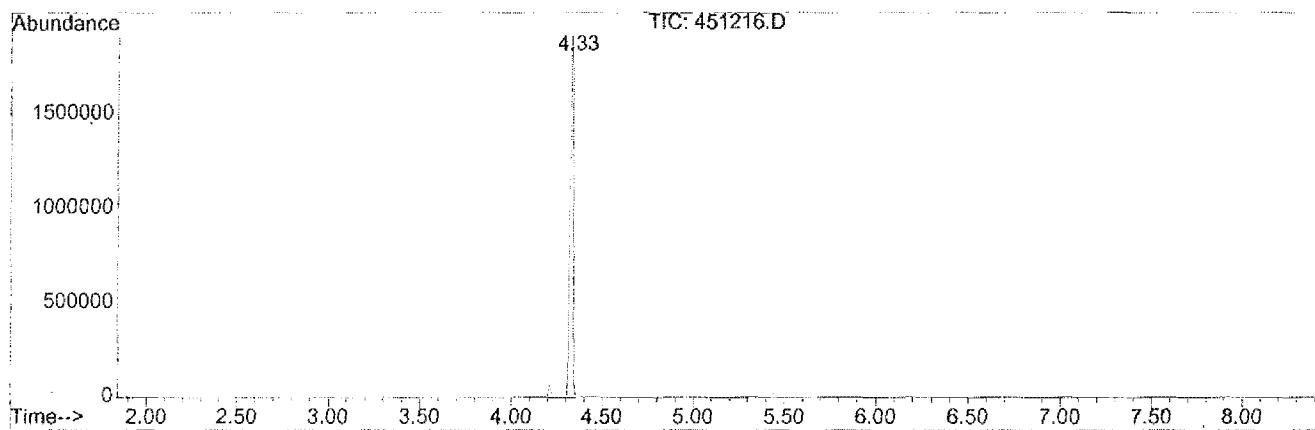
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\02\_15\_06\451216.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 15:58  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 16  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.329	2251965	100.00	100.00

---

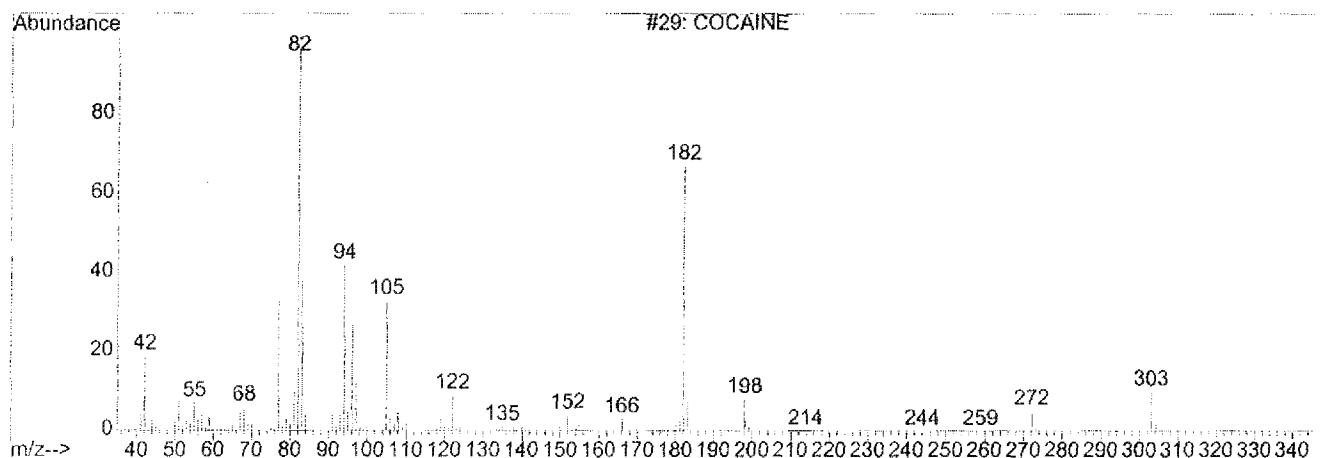
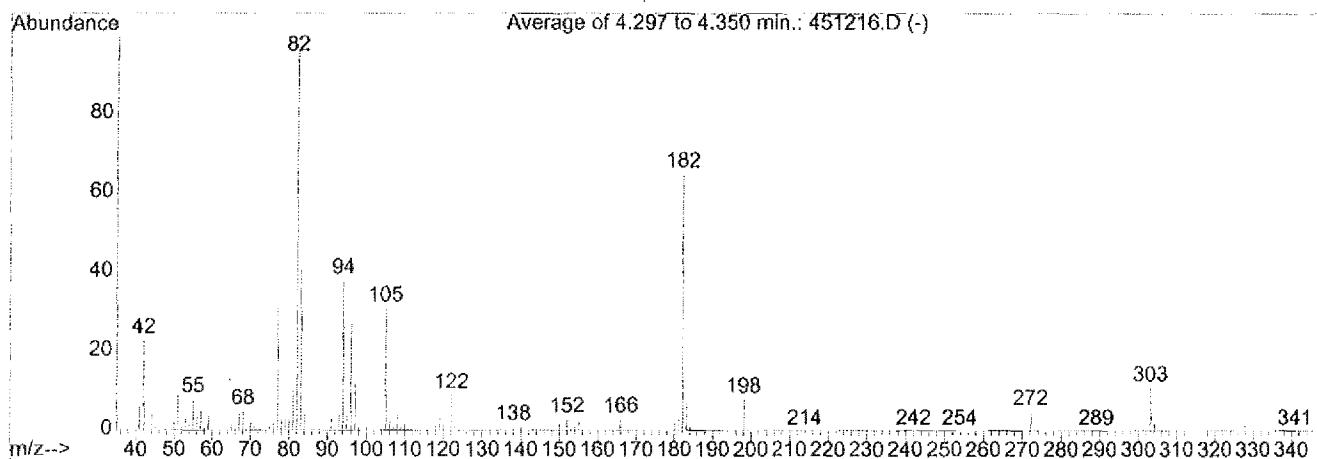
# Area Percent / Library Search Report

**Information from Data File:**

File Name : E:\SYSTEM4\02\_15\_06\451216.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 15:58  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 16  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.33	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



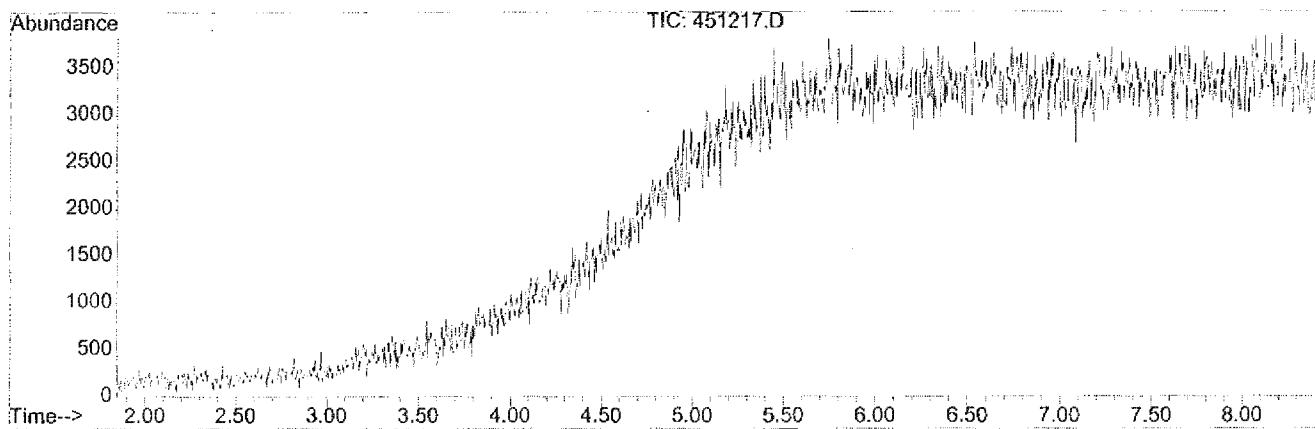
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\02\_15\_06\451217.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 16:10  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 17  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

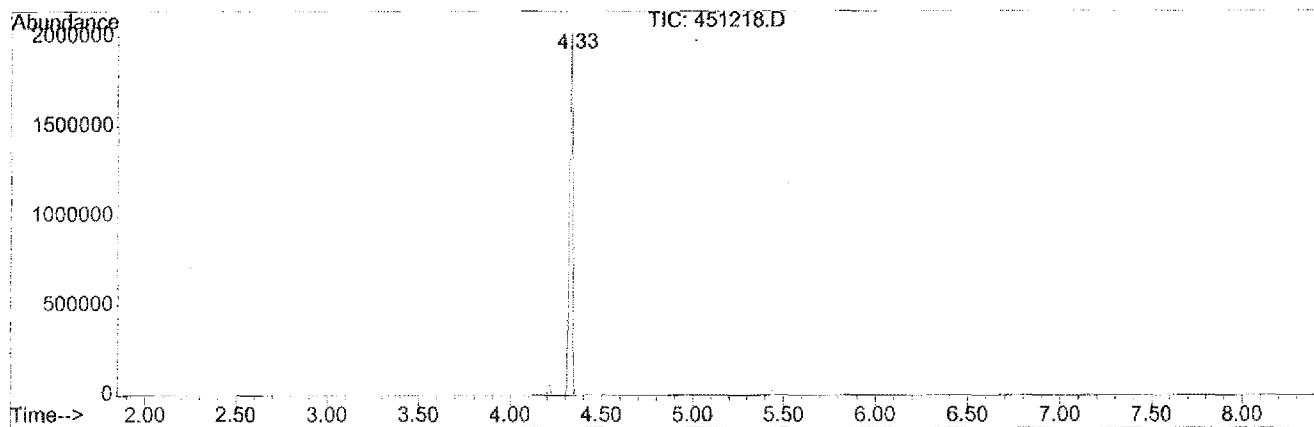
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\02\_15\_06\451218.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 16:22  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 18  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.331	2421170	100.00	100.00

---

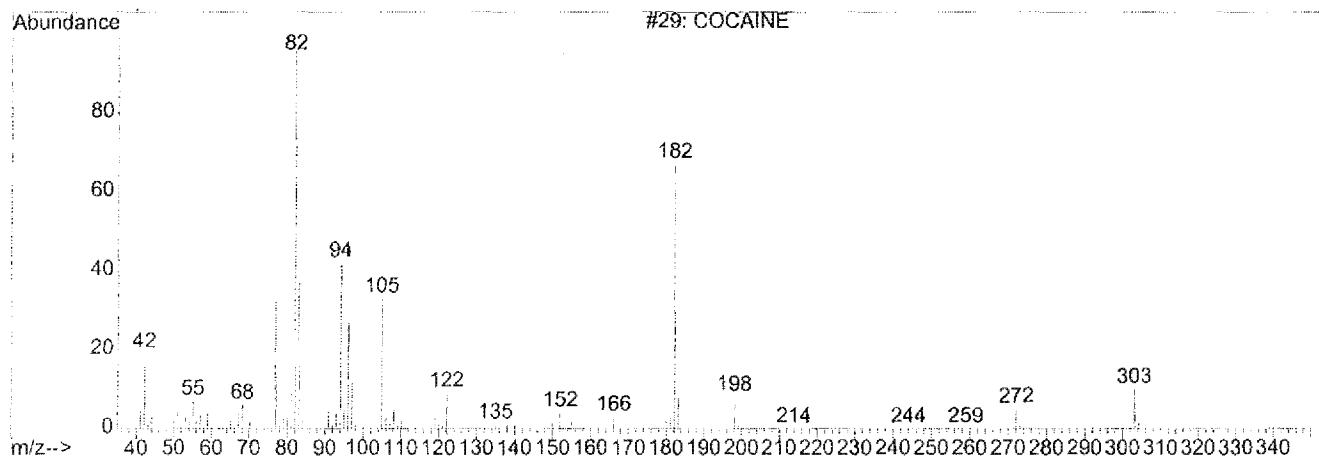
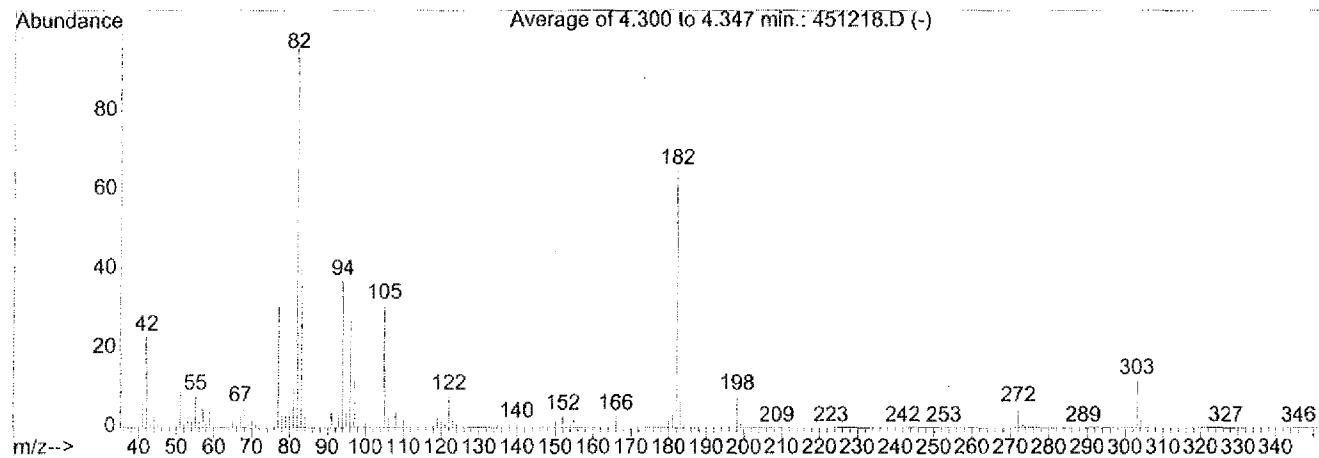
# Area Percent / Library Search Report

**Information from Data File:**

File Name : E:\SYSTEM4\02\_15\_06\451218.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 16:22  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 18  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.33	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



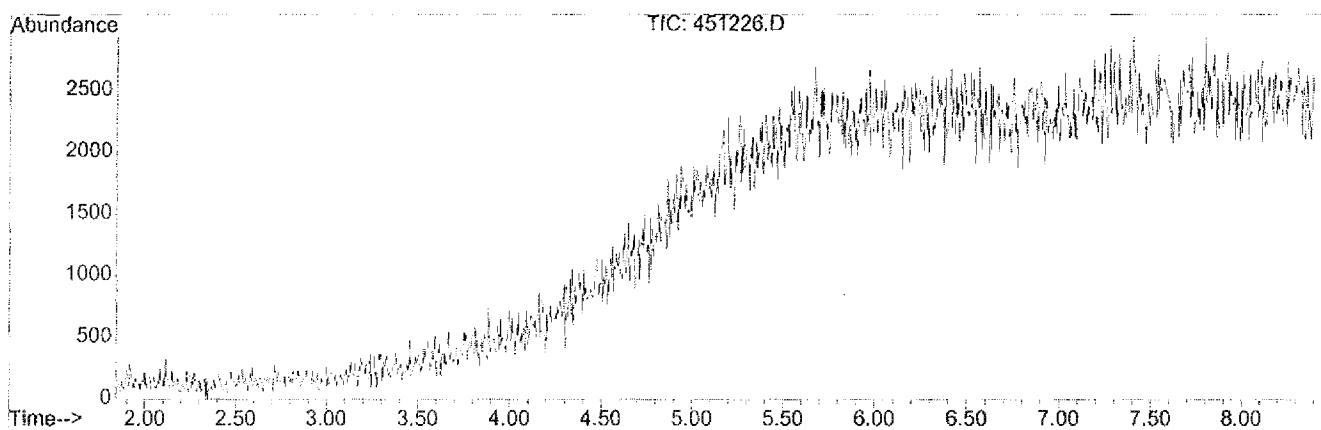
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\02\_15\_06\451226.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 18:00  
Sample Name : BLANK  
Submitted by :  
Vial Number : 26  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

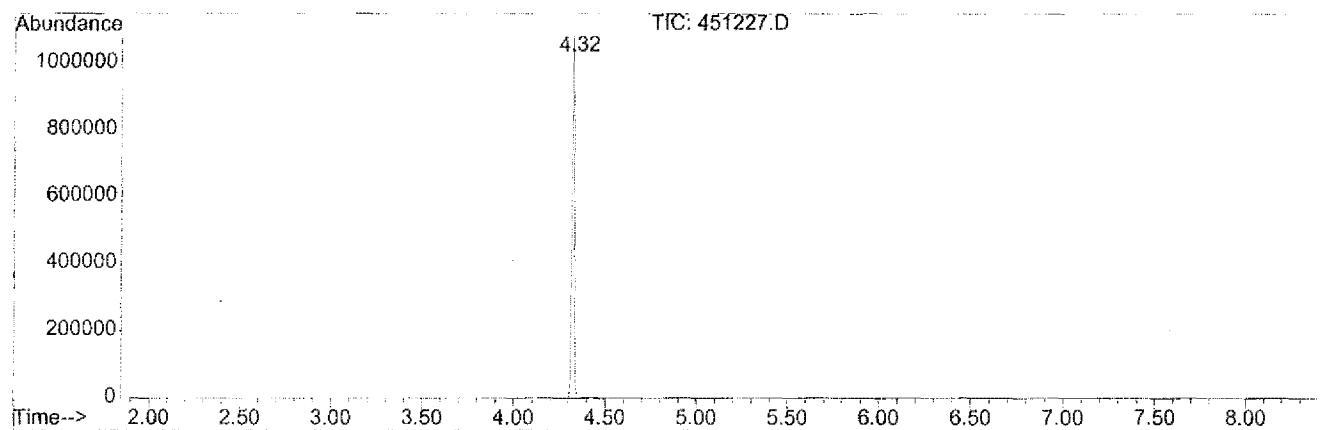
Area Percent / Library Search Report

---

Information from Data File:

File Name : E:\SYSTEM4\02\_15\_06\451227.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 18:12  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 27  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.321	988300	100.00	100.00

---

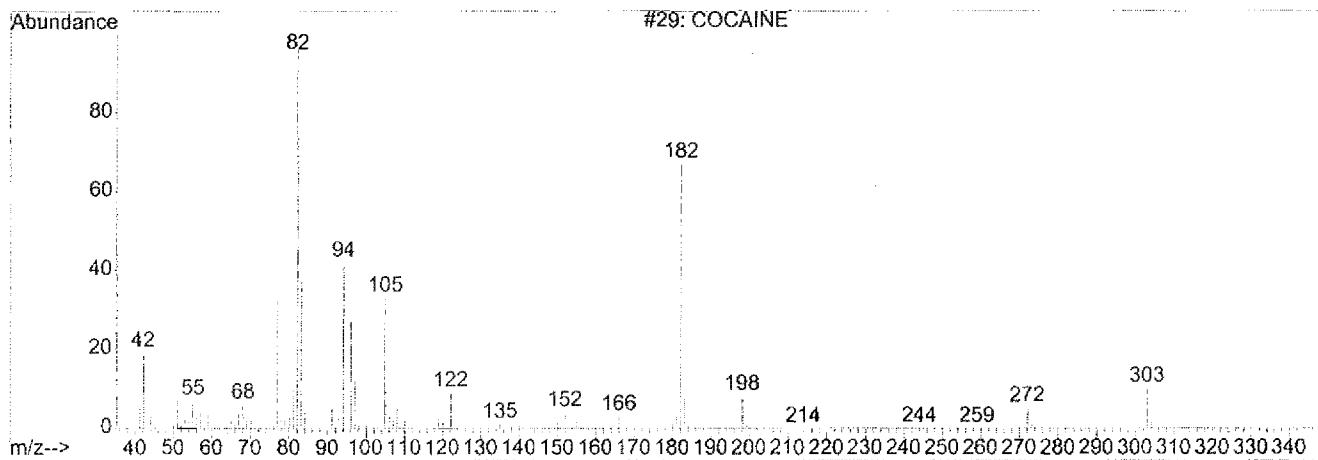
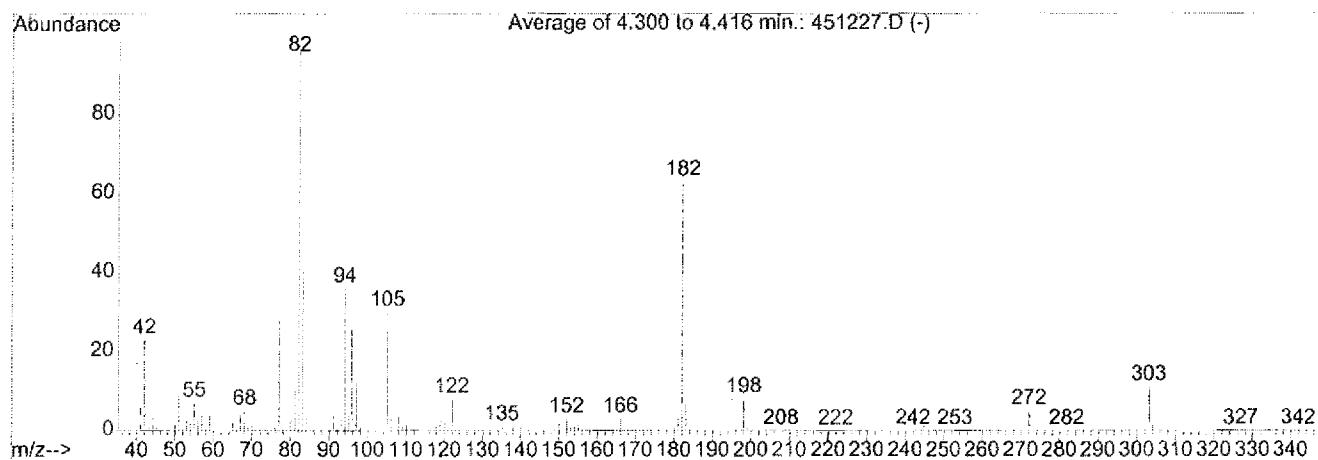
# Area Percent / Library Search Report

**Information from Data File:**

File Name : E:\SYSTEM4\02\_15\_06\451227.D  
Operator : DCS  
Date Acquired : 15 Feb 2006 18:12  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 27  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.32	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



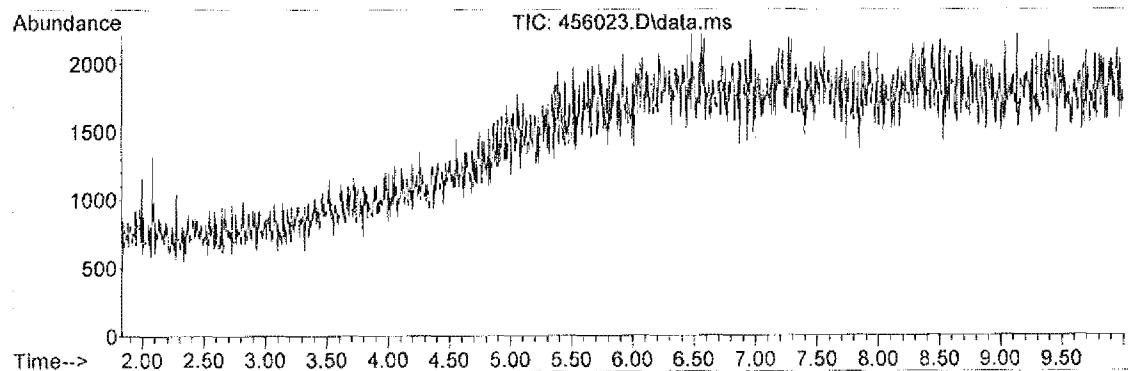
Area Percent / Library Search Report

---

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456023.D  
Operator : DCS  
Date Acquired : 10 Mar 2006 18:57  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

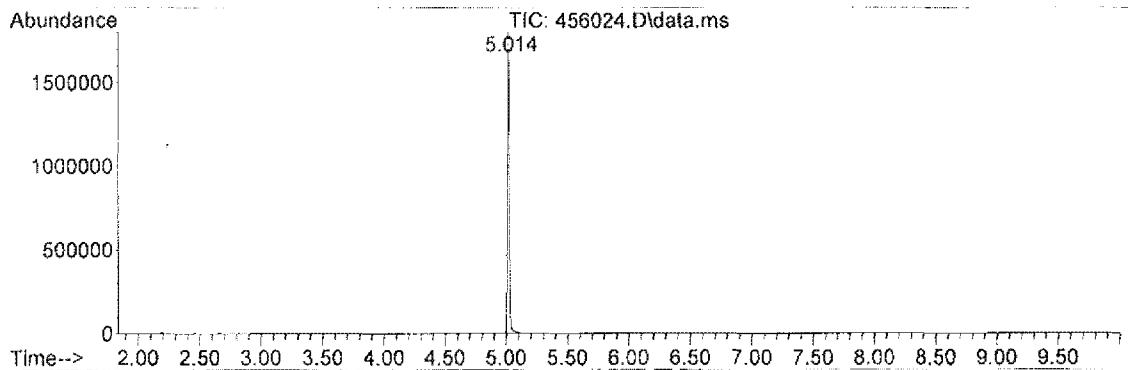
---

\*\*\*NO INTEGRATED PEAKS\*\*\*

✓ 12/9/11 PRR

## Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456024.D  
Operator : DCS  
Date Acquired : 10 Mar 2006 19:10  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 24  
AcquisitionMeth: DRUGS  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
5.014	1793348	100.00	100.00

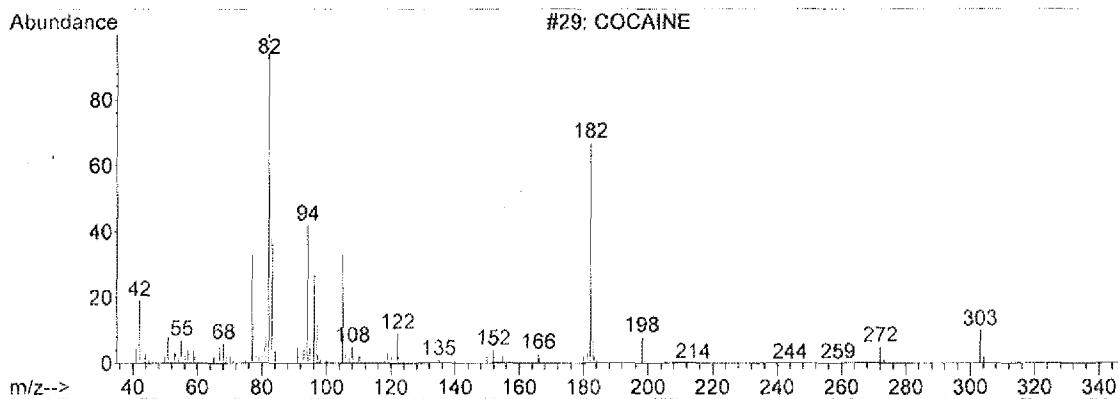
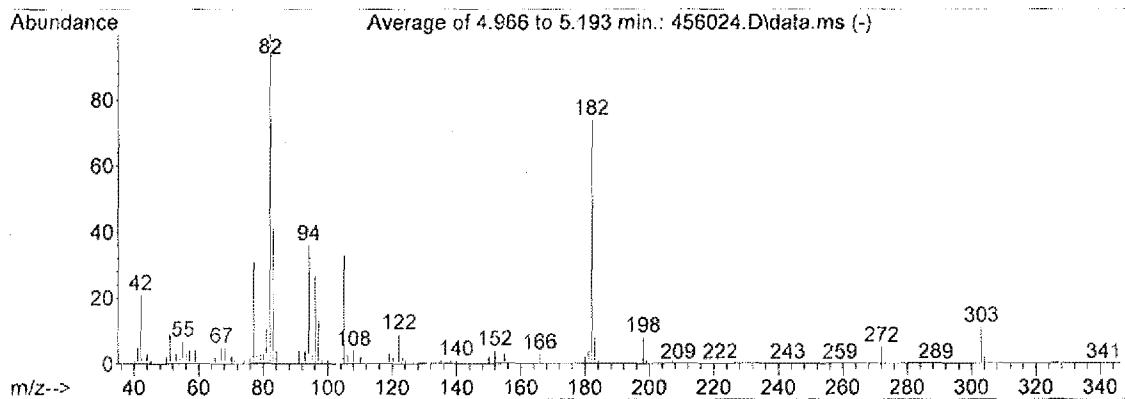
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456024.D  
Operator : DCS  
Date Acquired : 10 Mar 2006 19:10  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 24  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.01	C:\Database\SLI.L COCAINE	000050-36-2	99



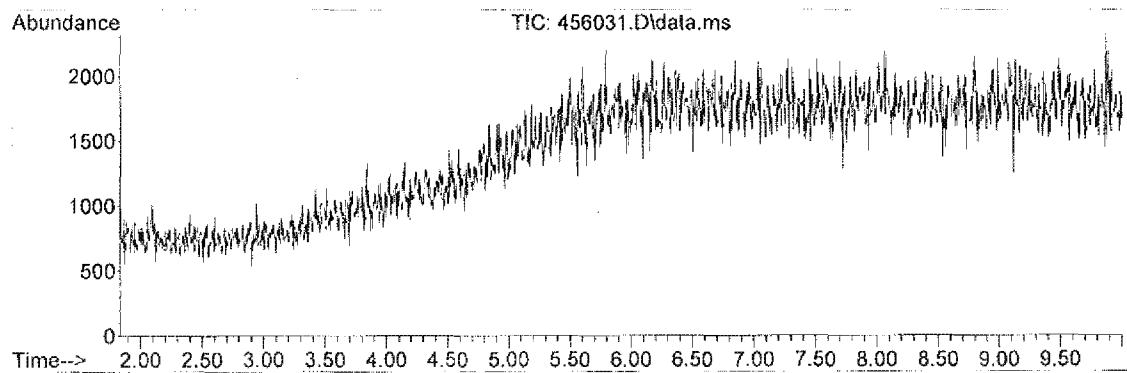
Area Percent / Library Search Report

---

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456031.D  
Operator : DCS  
Date Acquired : 10 Mar 2006 20:43  
Sample Name : BLANK  
Submitted by : DXF  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

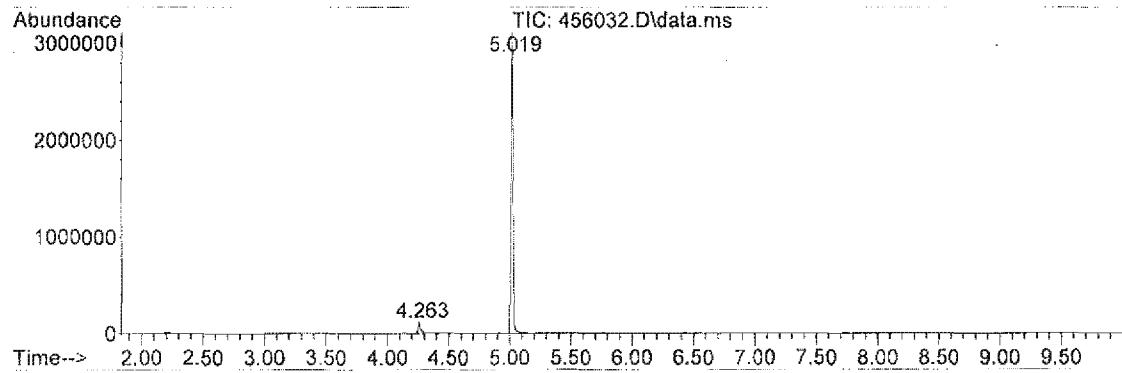
Area Percent / Library Search Report

---

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456032.D  
Operator : DCS  
Date Acquired : 10 Mar 2006 20:57  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 32  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.263	173789	4.49	4.70
5.019	3700245	95.51	100.00

---

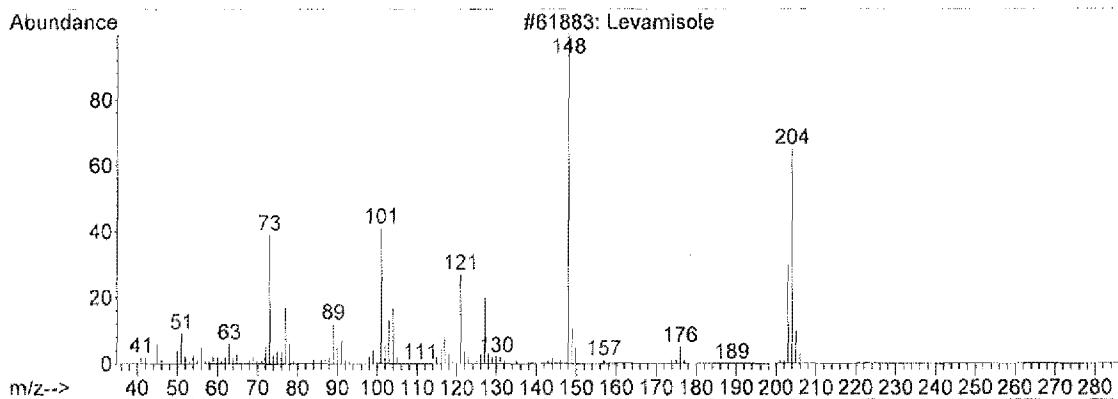
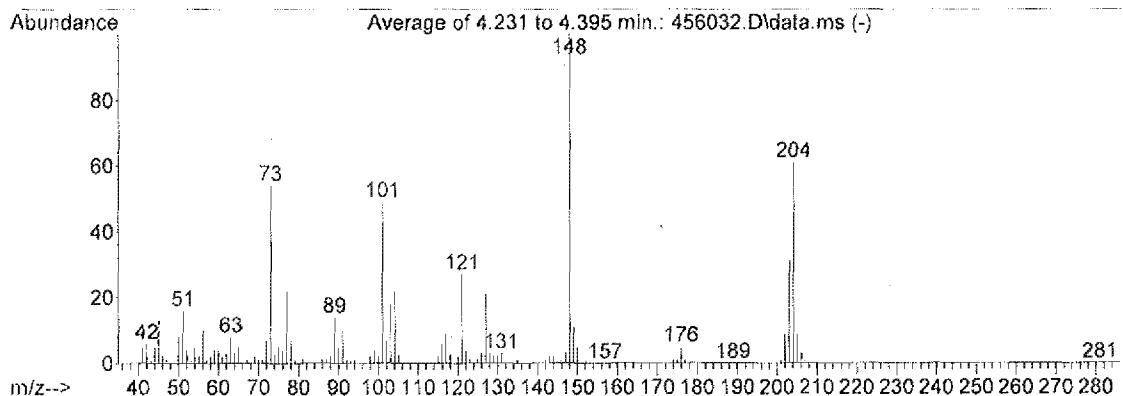
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456032.D  
 Operator : DCS  
 Date Acquired : 10 Mar 2006 20:57  
 Sample Name : XXXXXXXXXX  
 Submitted by : DXF  
 Vial Number : 32  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
 C:\Database\NIST08.L Minimum Quality: 80  
 C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.26	C:\Database\NIST08.L		
		Levamisole	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Levamisole	006649-23-6	97



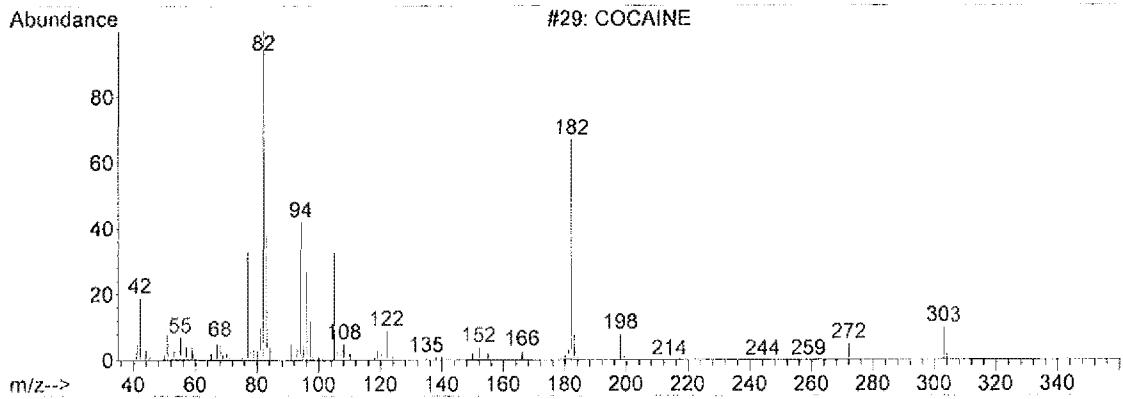
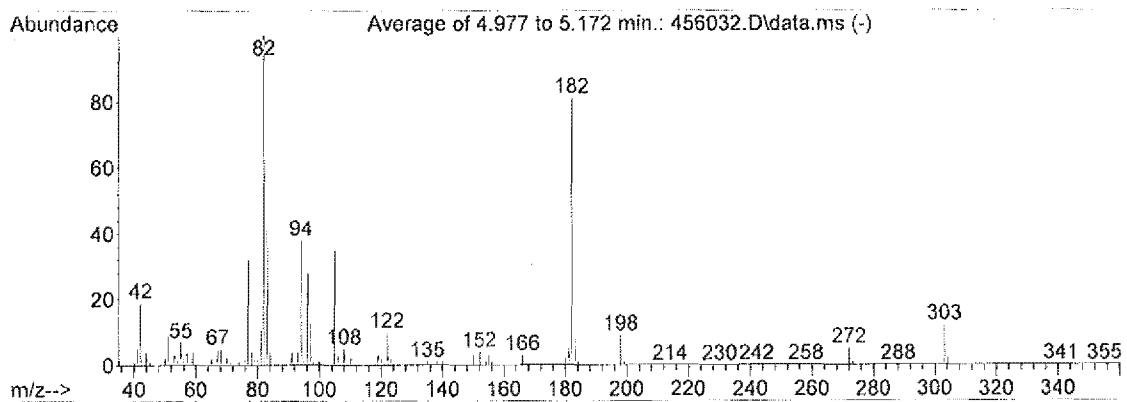
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456032.D  
Operator : DCS  
Date Acquired : 10 Mar 2006 20:57  
Sample Name : XXXXXXXXXX  
Submitted by : DXF  
Vial Number : 32  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
C:\Database\NIST08.L Minimum Quality: 80  
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	5.02	C:\Database\SLI.L COCAINE	000050-36-2	99



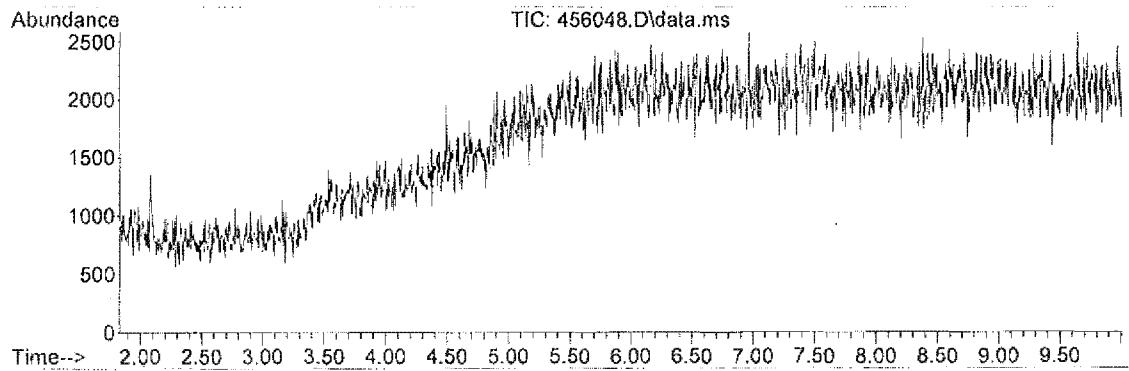
Area Percent / Library Search Report

---

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456048.D  
Operator : DCS  
Date Acquired : 11 Mar 2006 00:29  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

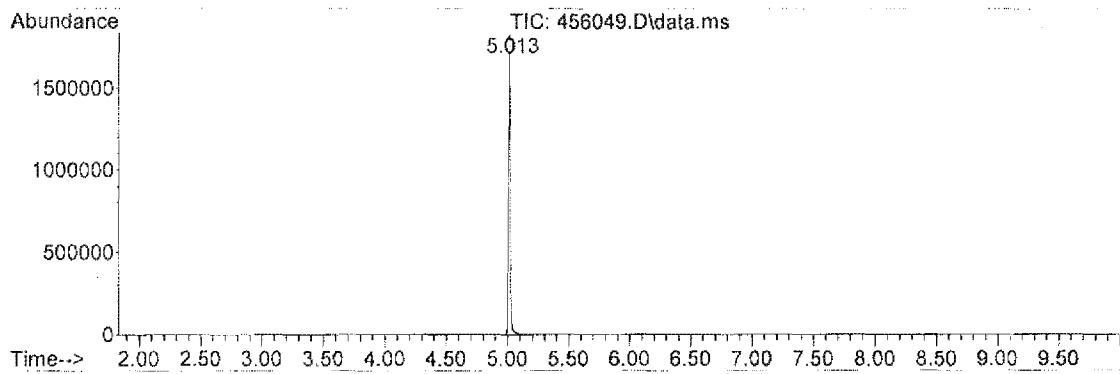
Area Percent / Library Search Report

---

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456049.D  
Operator : DCS  
Date Acquired : 11 Mar 2006 00:43  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 49  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
5.013	1824911	100.00	100.00

---

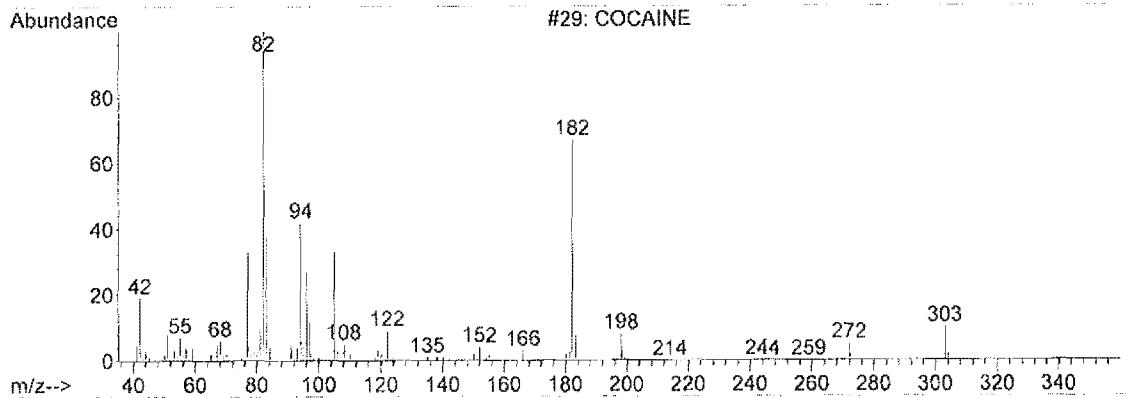
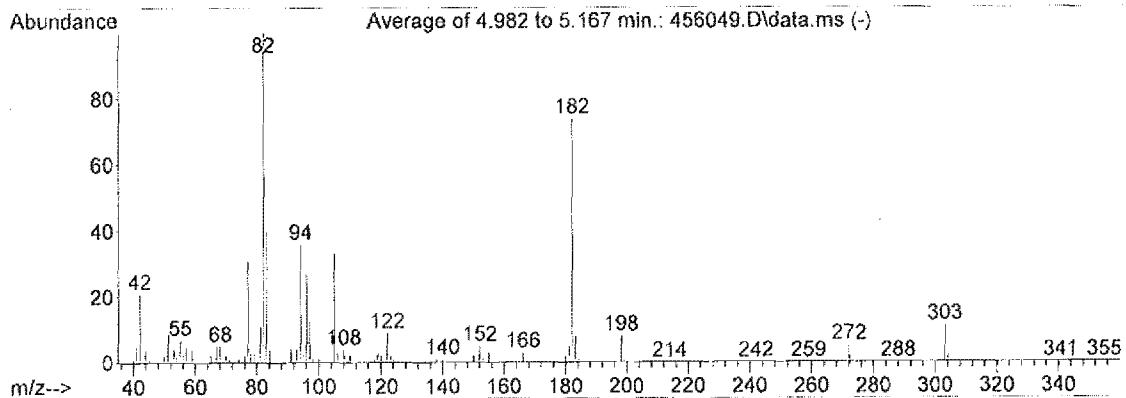
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM6\03\_10\_06\456049.D  
 Operator : DCS  
 Date Acquired : 11 Mar 2006 00:43  
 Sample Name : COCAINE STANDARD  
 Submitted by :  
 Vial Number : 49  
 AcquisitionMeth: DRUGS  
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80  
                   C:\Database\NIST08.L Minimum Quality: 80  
                   C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	5.01	C:\Database\SLI.L COCAINE	000050-36-2	99



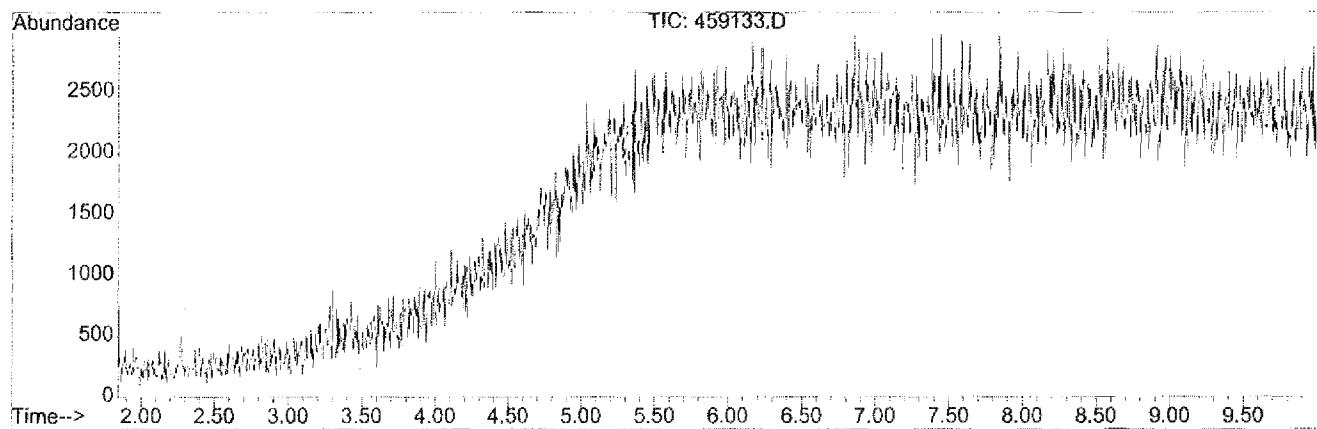
Area Percent / Library Search Report

---

Information from Data File:

File Name : E:\SYSTEM4\03\_27\_06\459133.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 18:12  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

✓ 12/9/11 PRR

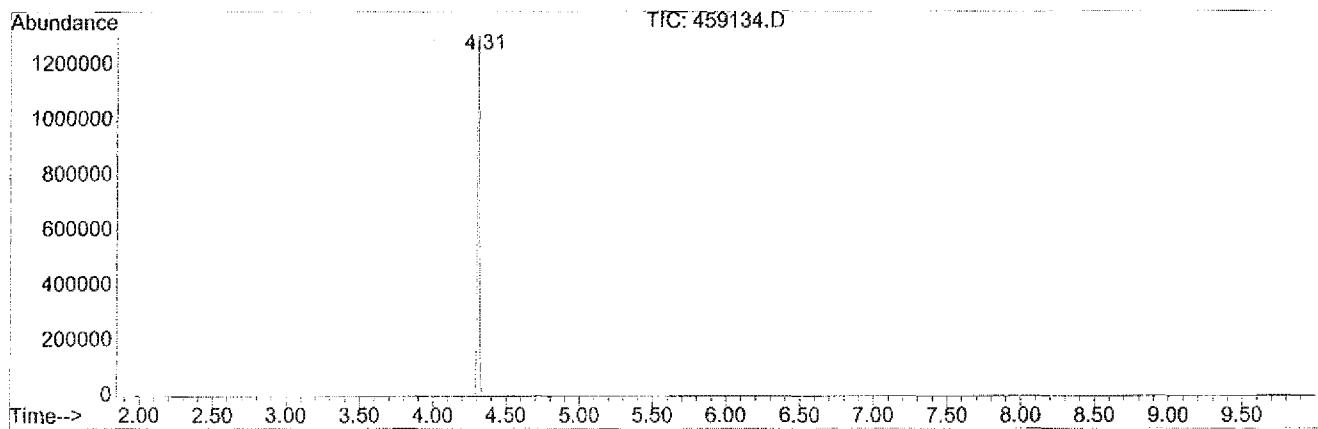
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\03\_27\_06\459134.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 18:26  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 34  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.309	1280607	100.00	100.00

---

# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : E:\SYSTEM4\03\_27\_06\459134.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 18:26  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 34  
AcquisitionMeth: DRUGS  
Integrator : RTE

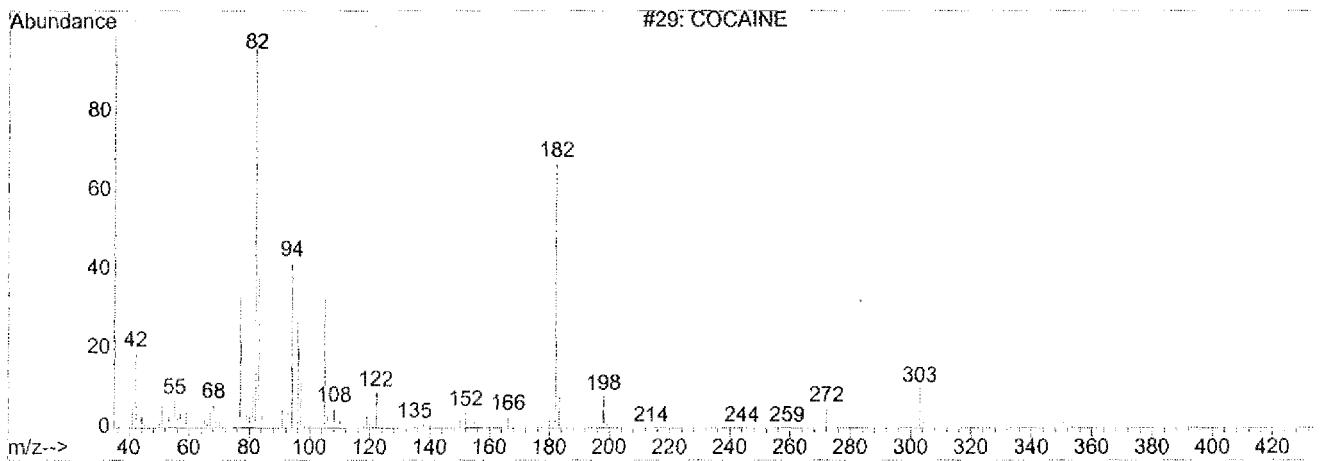
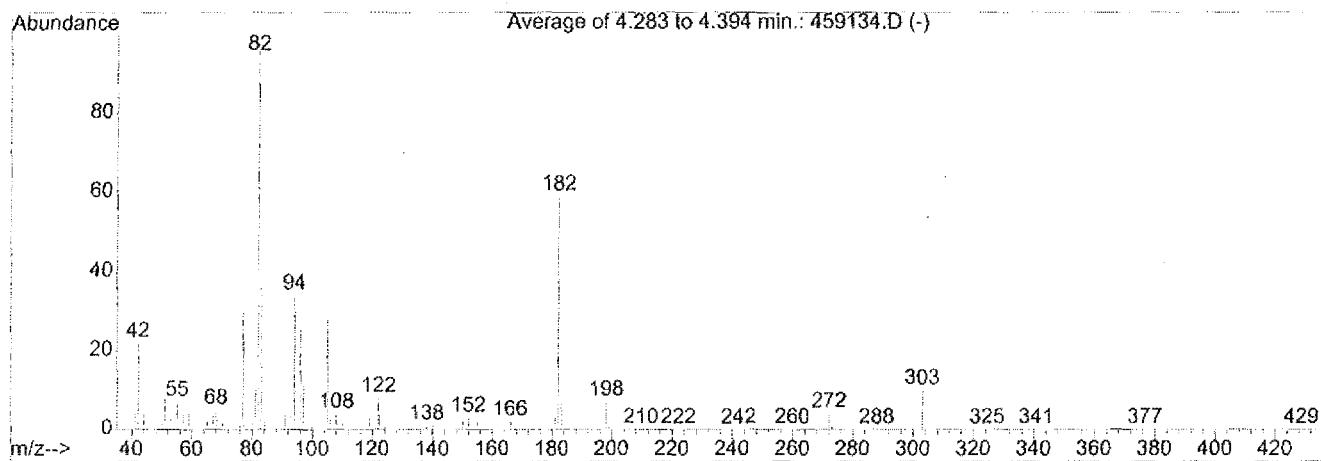
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	4.31	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



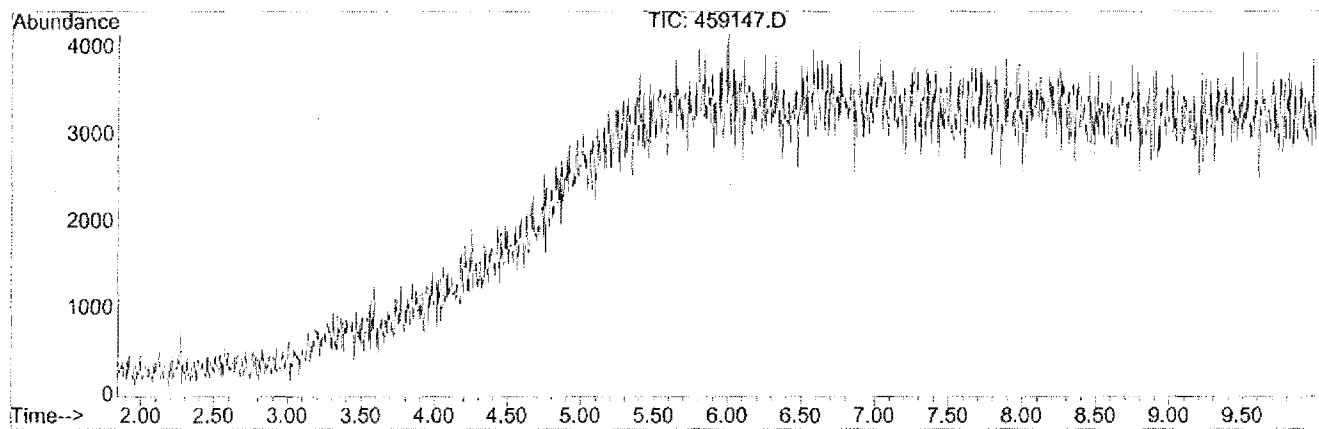
Area Percent / Library Search Report

---

Information from Data File:

File Name : E:\SYSTEM4\03\_27\_06\459147.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 21:26  
Sample Name : BLANK  
Submitted by : DJR  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

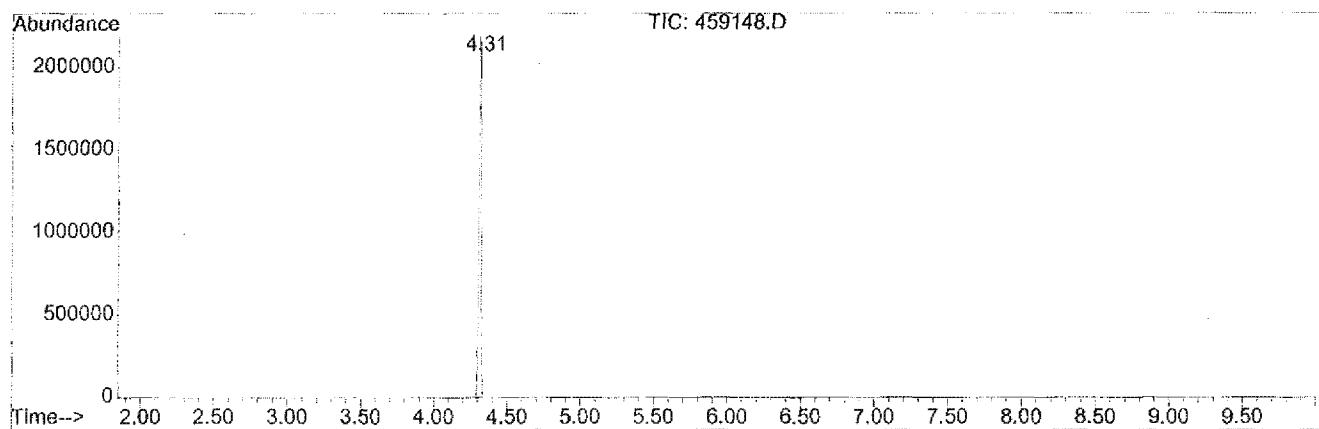
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\03\_27\_06\459148.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 21:39  
Sample Name : XXXXXXXXXX  
Submitted by : DJR  
Vial Number : 48  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.311	2360326	100.00	100.00

---

# Area Percent / Library Search Report

**Information from Data File:**

File Name : E:\SYSTEM4\03\_27\_06\459148.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 21:39  
Sample Name : XXXXXXXXXX  
Submitted by : DJR  
Vial Number : 48  
AcquisitionMeth: DRUGS  
Integrator : RTE

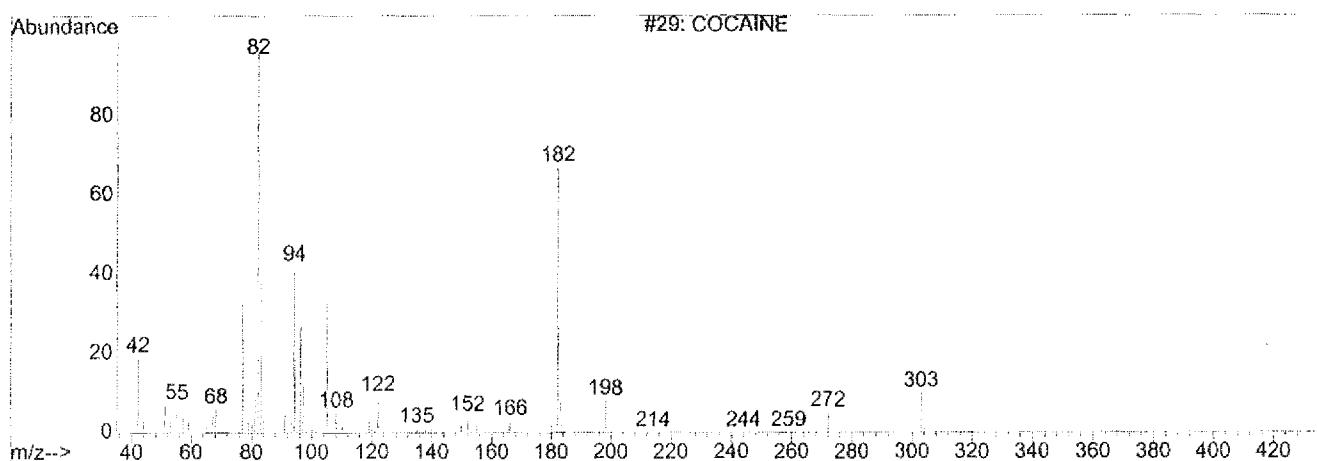
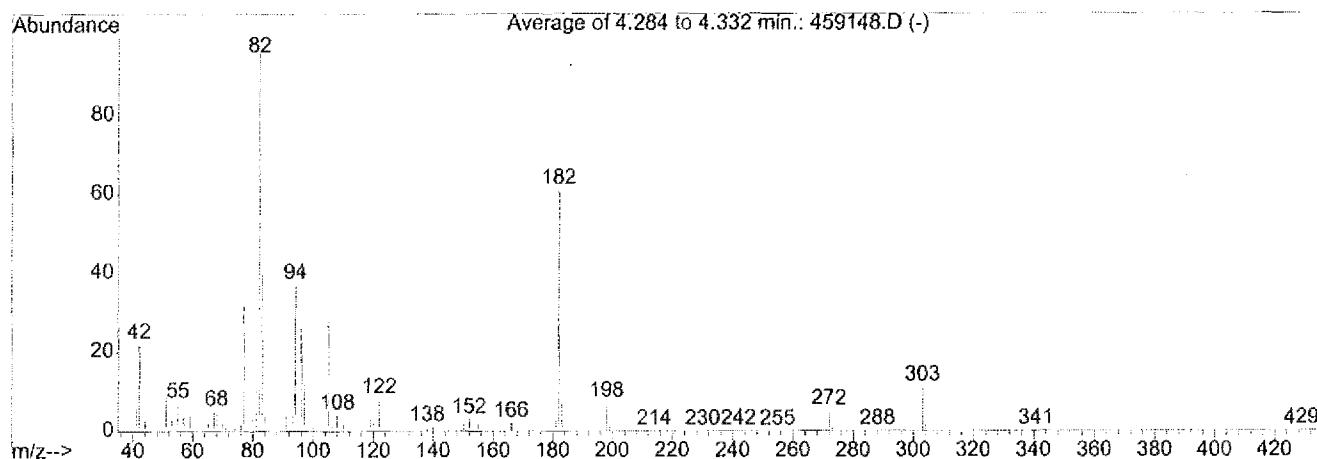
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	4.31	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



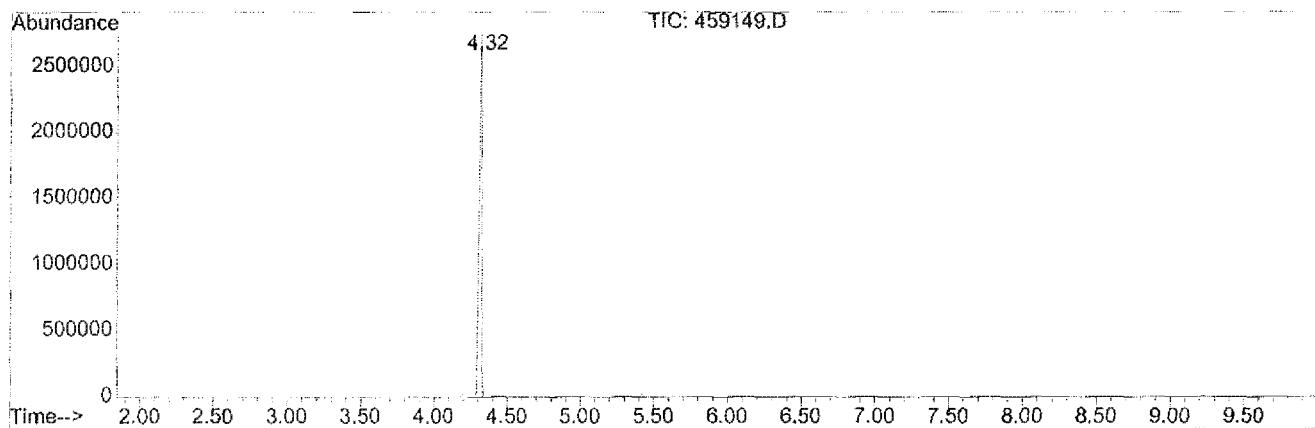
# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : E:\SYSTEM4\03\_27\_06\459149.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 21:53  
Sample Name : XXXXXXXXXX  
Submitted by : DJR  
Vial Number : 49  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.318	3359536	100.00	100.00

---

# Area Percent / Library Search Report

**Information from Data File:**

File Name : E:\SYSTEM4\03\_27\_06\459149.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 21:53  
Sample Name : XXXXXXXXXX  
Submitted by : DJR  
Vial Number : 49  
AcquisitionMeth: DRUGS  
Integrator : RTE

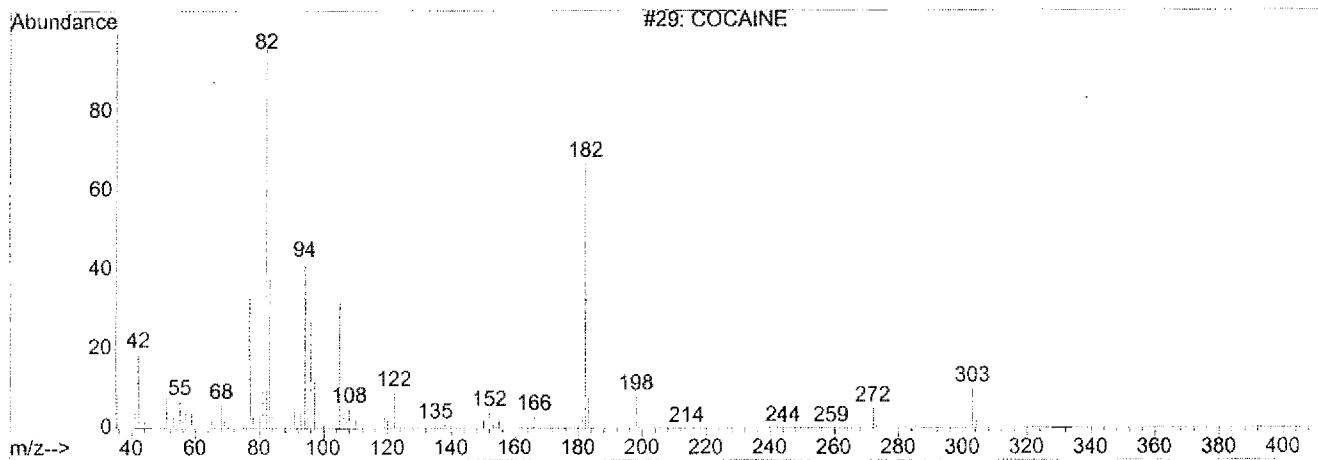
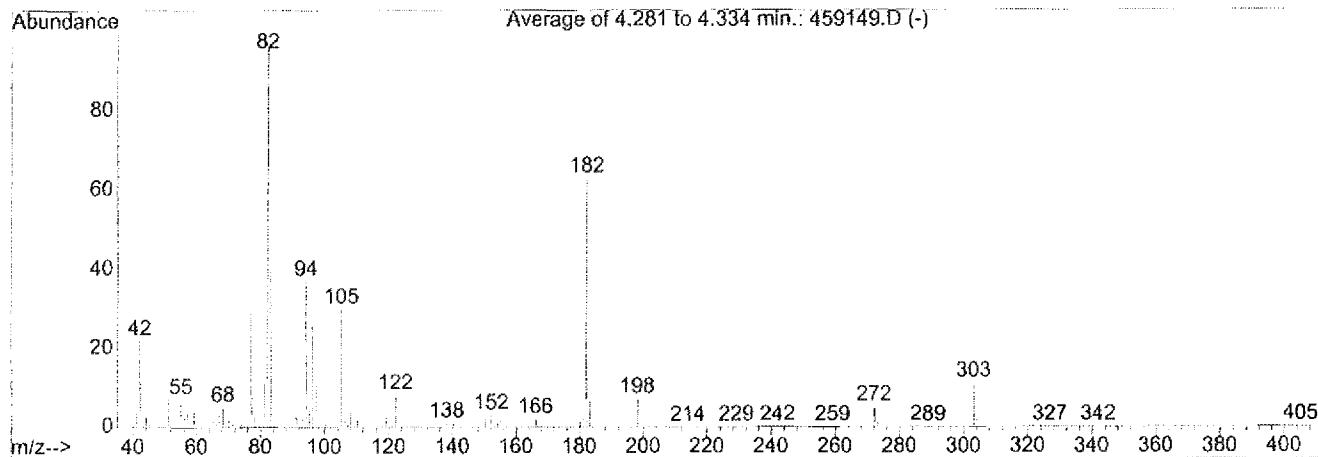
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	4.32	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



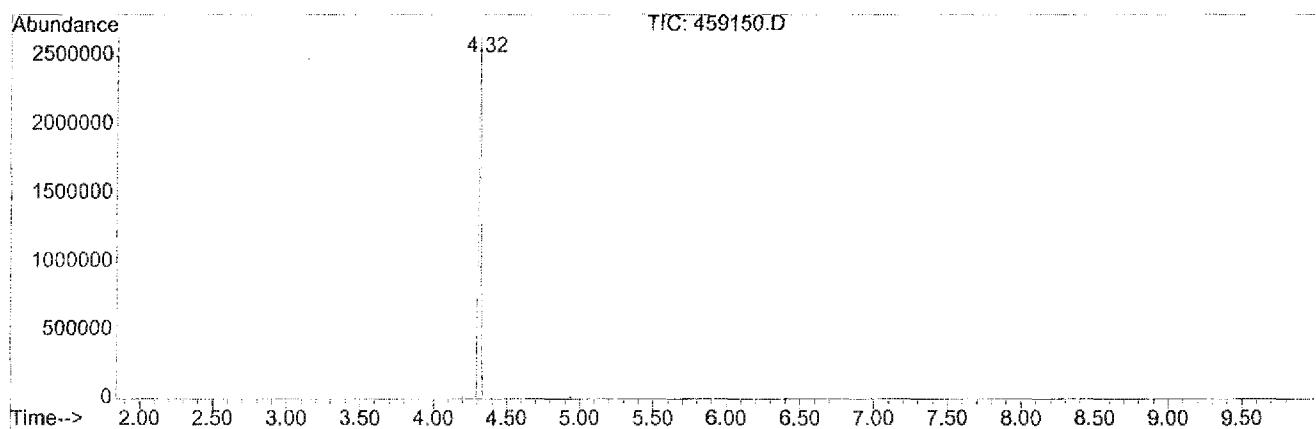
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\03\_27\_06\459150.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 22:07  
Sample Name : XXXXXXXXXX  
Submitted by : DJR  
Vial Number : 50  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
4.318	3146197	100.00	100.00

---

# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : E:\SYSTEM4\03\_27\_06\459150.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 22:07  
Sample Name : XXXXXXXXXX  
Submitted by : DJR  
Vial Number : 50  
AcquisitionMeth: DRUGS  
Integrator : RTE

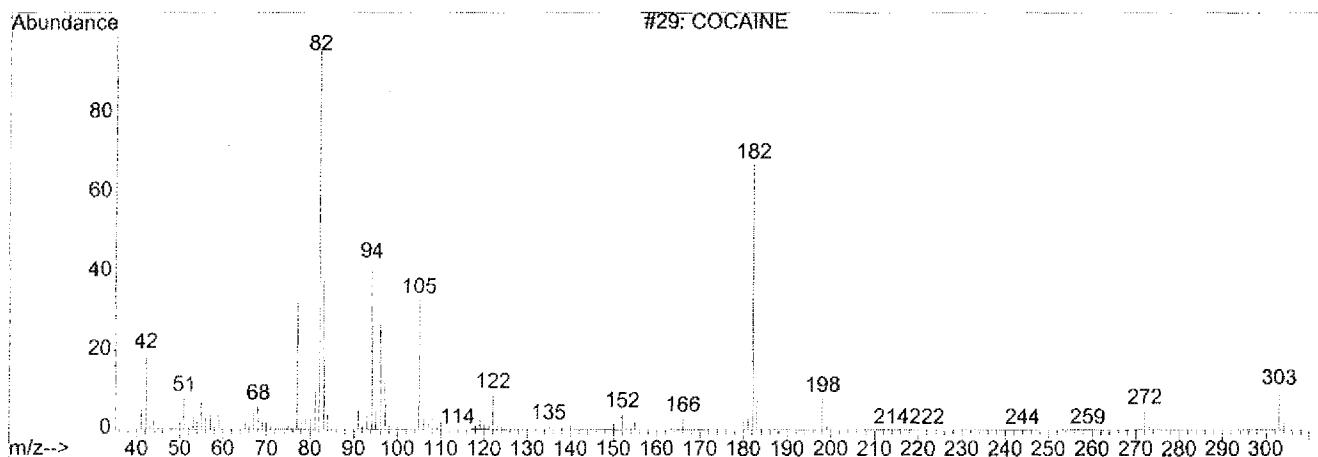
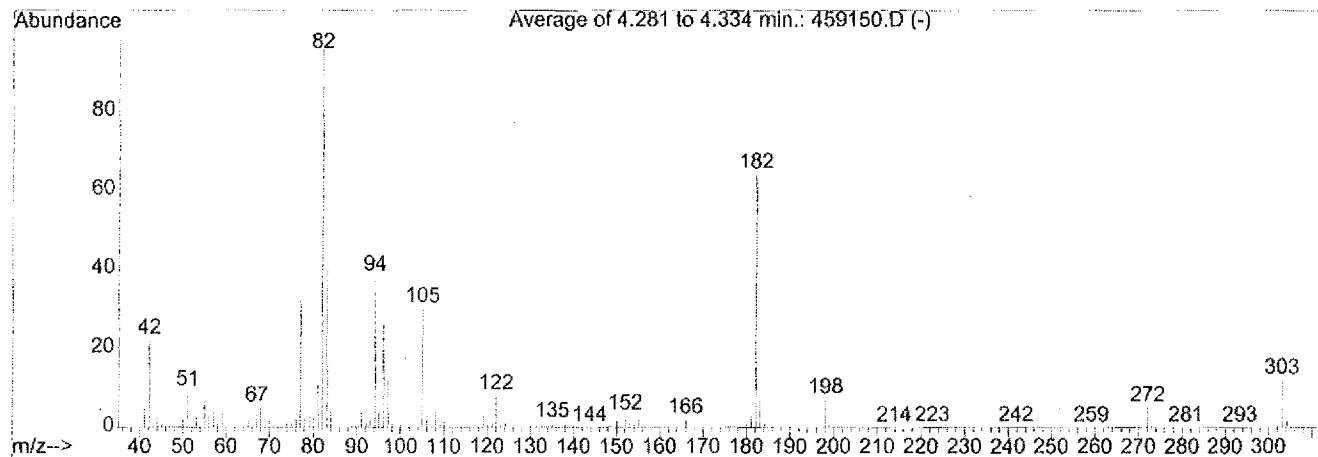
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	4.32	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



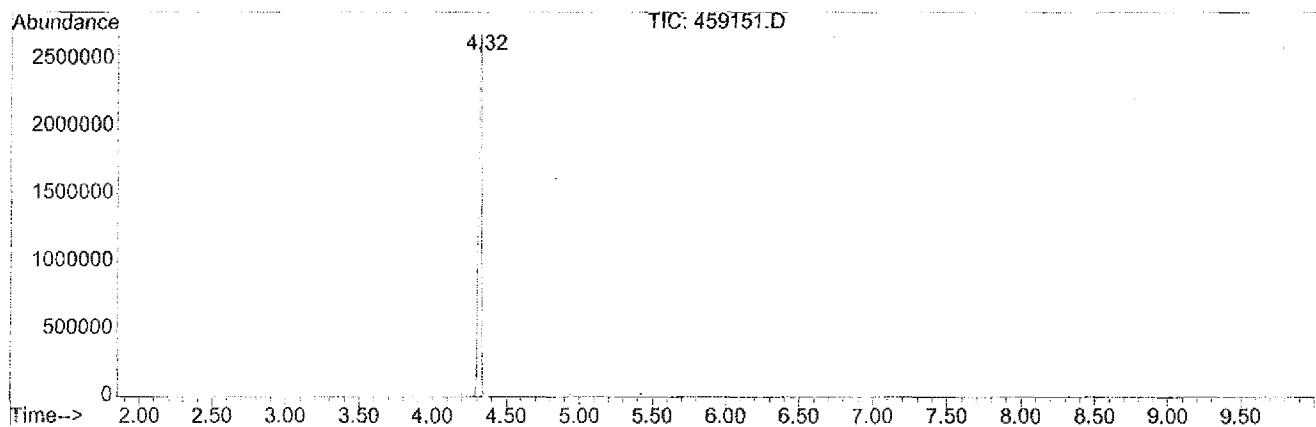
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\03\_27\_06\459151.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 22:21  
Sample Name : XXXXXXXXXX  
Submitted by : DJR  
Vial Number : 51  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.316	3662901	100.00	100.00

---

# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : E:\SYSTEM4\03\_27\_06\459151.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 22:21  
Sample Name : XXXXXXXXXX  
Submitted by : DJR  
Vial Number : 51  
AcquisitionMeth: DRUGS  
Integrator : RTE

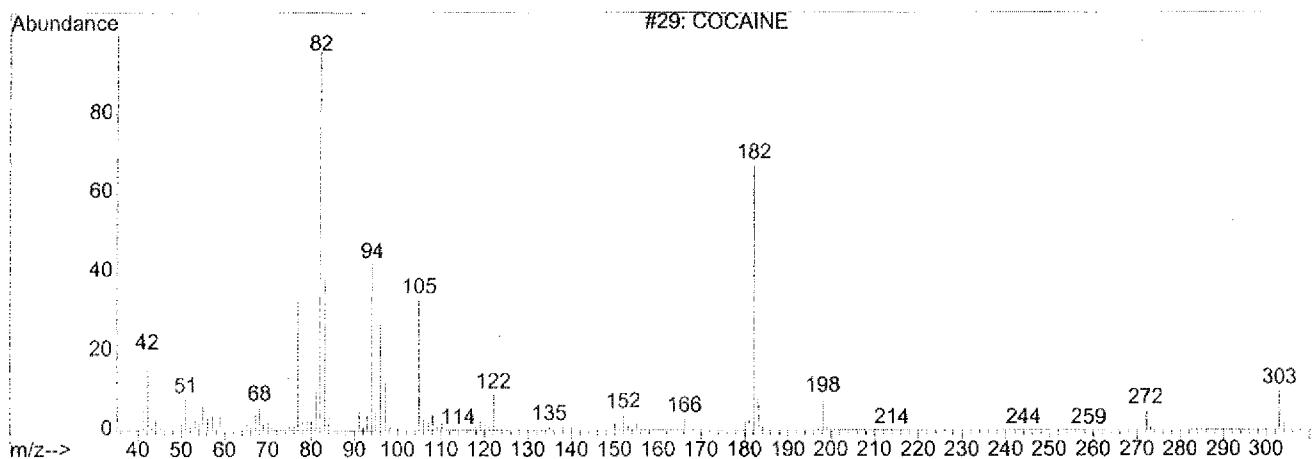
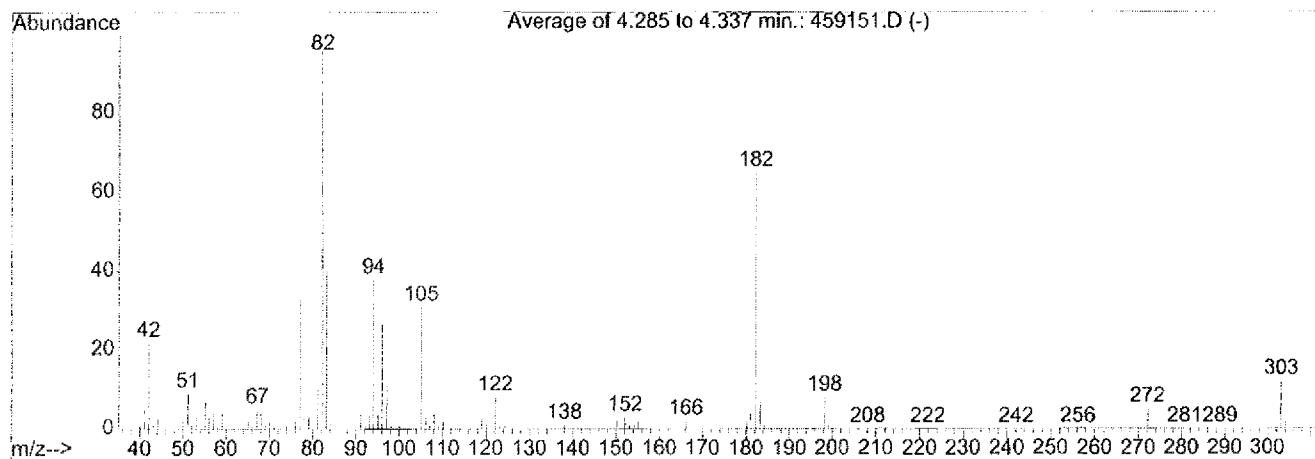
---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

---

PK#	RT	Library/ID	CAS#	Qual
1	4.32	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

---



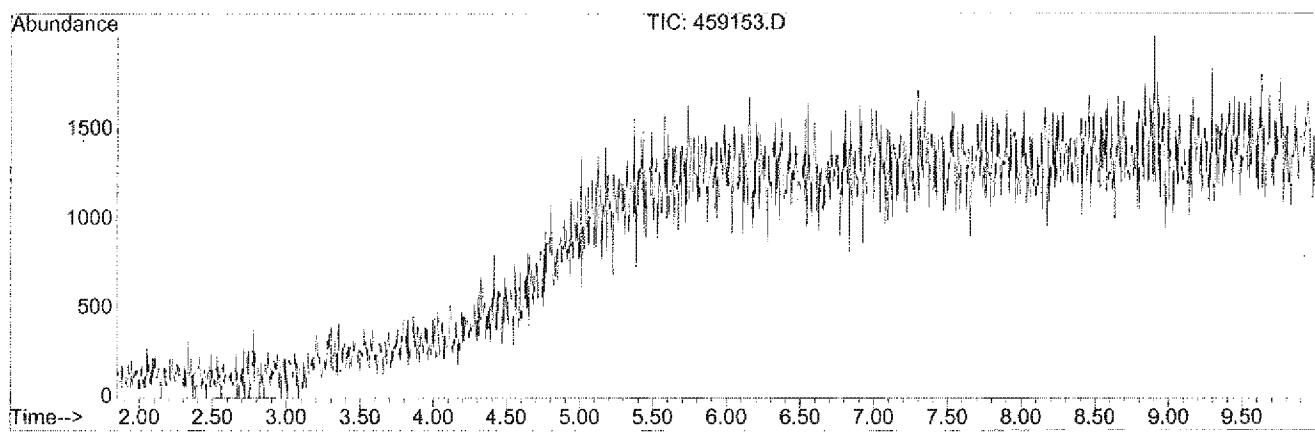
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : E:\SYSTEM4\03\_27\_06\459153.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 22:48  
Sample Name : BLANK  
Submitted by :  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

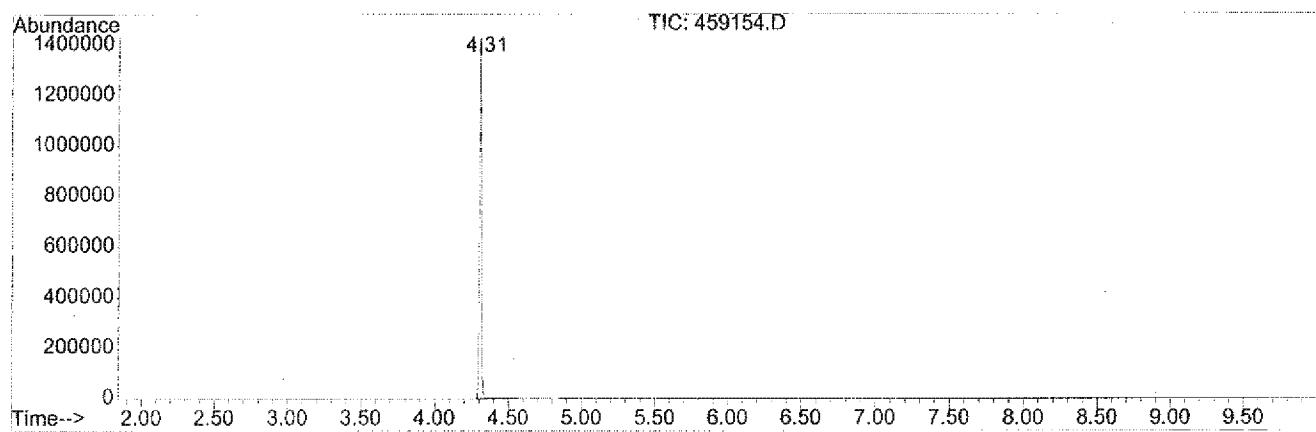
# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : E:\SYSTEM4\03\_27\_06\459154.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 23:02  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 54  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



---

Ret. Time	Area	Area %	Ratio %
4.308	1329052	100.00	100.00

---

# Area Percent / Library Search Report

---

**Information from Data File:**

File Name : E:\SYSTEM4\03\_27\_06\459154.D  
Operator : DCS  
Date Acquired : 27 Mar 2006 23:02  
Sample Name : COCAINE STANDARD  
Submitted by :  
Vial Number : 54  
AcquisitionMeth: DRUGS  
Integrator : RTE

---

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 95  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
1	4.31	C:\DATABASE\SLI.L COCAINE	000050-36-2	99

